

# Product data sheet Spirotech

## Product name

## SpiroTrap -DN50 -Magnet -Weld

## Product properties

A steel dirt separator with magnet for standard flow rate (1.5 m/s) with a DN50 - DN150 weld connection

- Very small particles, from 5  $\mu\text{m}$  (= 0.005 mm) are separated and removed
- Integrated magnet for extra protection and removal of magnetite
- Dirt can be drained while the system is in operation
- No shut-off valves or bypass required
- Applicable with 50/50 Ethylene Glycol / Water (Volume)
- Constant low pressure drop
- Maintenance only takes a few seconds
- No unnecessary downtime
- Weld connection
- Connection diameters from DN50 to DN 150, larger connection diameters on request

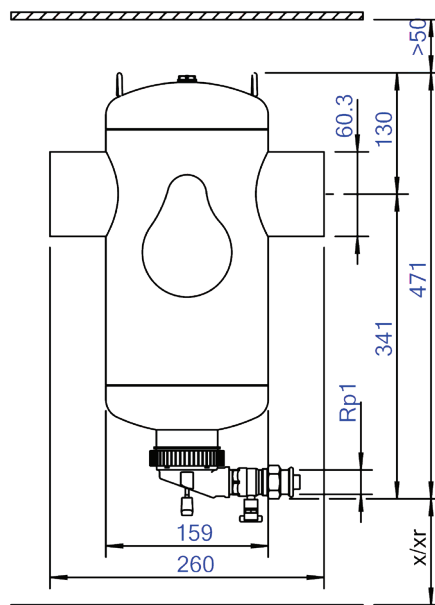
## Article number

**BE050LM**

## Product image



## Product dimensions



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## ETIM product data

|                              |                |                                       |          |
|------------------------------|----------------|---------------------------------------|----------|
| Housing material             | Steel          | Suitable for closed system            | Yes      |
| With drain valve             | Yes            | Suitable for solar                    | No       |
| Housing material quality     | St 37 (1.0254) | Whirl operating principle             | No       |
| Backwash filter              | No             | Negative pressure operating principle | No       |
| Max. operating pressure      | 10 bar         | With dismountable filter              | No       |
| KVS value [m3/h] at ΔP 1 bar | 73.1           | Filter volume                         | 5 l      |
| Variable flow direction      | Yes            | Magnet operating principle            | Yes      |
| With insulation              | No             | Thrust operating principle            | No       |
| Separator type               | Dirt           | With automatic de-aerator             | No       |
| Connection                   | Welded end     | Partial flow principle                | No       |
| Model                        | Horizontal     | Principle full flow with settling     | Yes      |
| Nominal diameter             | DN 50          | With integrated replenishment automat | No       |
| Max. glycol mixture          | 50 %           | With couplers                         | Yes      |
| Suitable for heating         | Yes            | Cleaning possible during operation    | Yes      |
| Suitable for cooling         | Yes            | Material of connection                | Steel    |
| Construction length          | 260 mm         | Inlet/outlet offset distance          | 0 mm     |
| Article compression class    | PN 16          | Operating principle                   | Magnet   |
| Surface protection           | Lacquered      | Magnet location                       | Internal |
| Suitable for open system     | No             | Flange standard                       | Other    |

### Disclaimer

This product sheet has been compiled with the greatest possible care. Nevertheless, it may contain errors or omissions. For the most current and correct information we refer you to our website

